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**United States Patent** [19][11] **Patent Number:** **5,087,910****Guyot-Sionnest**[45] **Date of Patent:** **Feb. 11, 1992****[54] ELECTRONIC KEYBOARD FOR ONE-HAND OPERATION**

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**[30] Foreign Application Priority Data**

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[52] **U.S. Cl.** ..... **340/711; 341/22;**  
400/489

[58] **Field of Search** ..... 340/711, 712, 706;  
341/22, 21, 23, 25, 26, 24; 400/484, 473, 402,  
485, 486, 487, 488, 489

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[57]

**ABSTRACT**

The electronic keyboard for one-hand operation, more particularly for generating alphanumeric and analog characters and/or processing instructions, comprises a plurality of keys (2, 4) and an electronic circuit connected electrically to said keys in order to interpret the state of the keys (2, 4) and deliver a signal indicative thereof, said electronic circuit also being connected to a display (6) and to external connection. It comprises at least two keys (2) associated with the fingers of a hand other than the thumb and a key (4) associated with the thumb, each key (2) associated with a finger of the hand other than the thumb being adapted to assume three different states in response to said finger and the thumb key (4) can assume five different states in response to the thumb (see FIG. 1).

**20 Claims, 7 Drawing Sheets**